Material Safety Data Sheet

General Information I.

Chemical Name & Synonyms:

A COLLOIDAL SILVER-ALLOY DISPERSION

Chemical Family:

SILVER ALGAECIDE

Proper DOT Shipping Name:

Manufacturer:

POOL PRODUCTS PACKAGING CORP., a Division Of D.F. GOLDSMITH CHEMICAL & METAL CORP.

Manufacturer's Address:

909 PITNER AVENUE, EVANSTON, IL 60202

Trade Name & Synonyms:

ALGAEDYN

Formula:

PROPRIETARY

DOT Hazard Classification:

NON-HAZARDOUS Manufacturer's Phone Number:

847-869-7800

Date Last Revised: March 07, 2007

Ingredients II.

Principal Hazardous Components: Threshold Limit Value (units): Percent:

CAS NO.: 7761-88-8 OR 7440-22-4 0.01 MG/M^3 8.0

> III. **Physical Data**

Boiling Point (0F): Specific Gravity (H2O x 1):

212 DEGREES F 1.011

Vapor Pressure (mm Hg.): Percent Volatile By Volume (%):

18.5 Vapor Density (Air = 1):

<1

Solubility in Water:

DISPERSIBLE

Appearance & Odor:

DARK BROWN LIQUID; SLIGHT ODOR

Evaporation Rate (WATER = 1):

pH:

6.7

IV. Fire & Explosion Hazard Data

Flash Point (Test Method): **Auto Ignition Temperature:**

>212 DEGREES F. PMCC DECOMPOSES AT 444 DEGREES C.

TO EMIT NO_X

Flammable Limits: LEL: UEL:

N/A N/A

Extinguishing Methods: Special Fire Fighting Procedures:

WATER

Unusual Fire & Explosion Hazards:

WHEN DRIED MAY REACT WITH ORGANIC REDUCING AGENTS TO PRODUCE A FLAMMABLE OR

EXPLOSIVE PRODUCT

V. **Health Hazard Data**

ACGIH Threshold Limit Value: OSHA Permissible Exposure Limit:

AS AIR MIST 8 HOURS 0.01 MG/M³ 0.01 MG/M³

Carcinogen – NTP Program: Carcinogen – IARC Program: NOT APPLICABLE NOT APPLICABLE

Symptoms of Exposure:

IRRITATING TO SKIN, MUCOUS MEMBRANES AND EYES

Medical Conditions Aggravated by Exposure:

EXCESSIVE EXPOSURE CAN CAUSE COSMETIC DISCOLORATION (ARGYRIA). WASH WELL WITH

WATER. CONTACT PHYSICIAN.

Primary Route(s) of Entry: **Emergency First Aid:**

IF SWALLOWED, INDUCE VOMITING. CONTACT PHYSICIAN.

VI. Reactivity Data

Conditions to Avoid: Stability: Unstable

> X Stable EXCESSIVE TEMPERATURES ABOVE 120 DEGREES F.

Incompatibility: **Materials to Avoid:**

ORGANICS, REDUCING AGENTS

Hazardous: May Occur

Polymerization: X Will Not Occur **Conditions to Avoid:**

Hazardous Decomposition Products: DECOMPOSES AT 444 DEGREES C TO EMIT NO_X

VII. **Environmental Protection Procedures**

Spill Response: CLEAN UP WITH ABSORBENT MATERIAL. RECOVER FREE MATERIAL. DO NOT ALLOW TO ENTER SEWERS OR WATERWAYS. ENVIRONMENTAL HAZARD, CONTACT EPA.

Waste Disposal Method: CLASSIFIED AS HEAVY METAL. CONTACT STATE AND FEDERAL AUTHORITIES FOR DISPOSAL. EMPTY DRUMS MUST HAVE LABELS. CONTACT EPA FOR NPDES PERMIT FOR DISPOSAL.

VIII. **Special Protection Information**

Eve Protection: GOGGLES OR FACEMASK

Skin Protection: ELBOW LENGTH NEOPRENE GLOVES

Respiratory Protection (Specific Type): NOT NEEDED FOR NORMAL USE

Ventilation Recommended: LOCAL

Other Protection: RUBBER OR PLASTIC APRON

IX. **Special Precautions**

Hygienic Practices in Handling & Storage: DO NOT GET ON SKIN OR CLOTHING. WASH AFTER HANDLING. LAUNDER CLOTHING. DO NOT STORE DRUMS NEAR ORGANICS OR REDUCING AGENTS.

Precautions for Repair & Maintenance of Contaminated Equipment: WASH WITH WATER. SEE SECTION VII

FOR DISPOSAL.

Other Precautions: AVOID FREEZING